Acer

WLAN 11g Broadband Router

Quick Start Guide

acer

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Preface

This guide is for the networking professional who installs and manages the Ziwell AWAP08O-11gHP outdoor product, hereafter referred to as the "device". To use this guide, you should have experience working with the TCP/IP configuration and be familiar with the concepts and terminology of wireless local area networks.

WARRANTY AND SERVICE

A

WARRANTY COVERAGE

When you buy a new Airstream Travel Trailer from an authorized Airstream dealer, Airstream, Inc., warrants the trailer from defects in material and workmanship as follows:

BASIC WARRANTY PERIOD

This warranty extends for a period of two years from the date of original retail purchase.

ITEMS COVERED

Any part of the trailer or any component equipment installed by the factory is covered by the basic warranty *except* the following items, which are *not covered:*

- Tires
- Batteries

The tire and battery warranties will be handled by their respective service points and according to their written policy. This limited warranty does not include failure caused by accident, abuse, normal wear, overload or any cause not attributable to a defect in original material or workmanship of the trailer or component equipment as installed by the factory.

LIMITATION OF IMPLIED WARRANTIES

All warranties of merchantability and fitness for a particular purpose, whether written or oral, expressed or implied, shall extend only for a period of two years from the date of original purchase. There are no other warranties, which extend beyond those described on the face hereof and which expressly excludes conditions resulting from normal wear, accident, abuse, exposure or overload. Some states do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you.

AIRSTREAM'S RESPONSIBILITY

The basic **Airsfream Limited Warranty** applies for a period of two years from the date of original purchase, and the application date of all warranties is that indicated on the owner's Limited Warranty. Defects in items covered under this Warranty will be corrected without cost upon the return, at the owner's expense, of the trailer or defective part fo an authorized Airstream dealer.

CARE AND MAINTENANCE

This warranty covers only defective material and/or workmanship; adjustments are made at the factory prior to shipment, and rechecked by the dealer prior to delivery fo fhe customer. Adjustments thereafter become a customer responsibility.

Each Airstream exterior (not including the underside) is clear coated to prevent oxidafion. This application is covered by a two-year warranty against peeling. Prolonged exposure to salt air or indusfrial fall-out will permif penetration through the coating material, causing damage to the exterior finish. Since Airstream, Inc., has no control over these conditions, if is necessary for the owner to wash and maintain their trailer as inatructed in the Owner's Manual.

The owner is also responsible for following all recommendations, instructions and precaufions contained in the Airstream Trailer Owner's Manual and the individual manuals furnished by fhe chassis, appliance and other manufacturers.

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Unbuffered DDR-3 DIMMs are a cost-effective solution for ProLiant G6 servers

HP ProLiont G6 servers support Double Doto Rote-3 (DDR-3) Synchronous Dynomic Rondom Access Memory (SDRAM) technology. DDR-3 SDRAM technology doubles the peok bondwidth of DDR-2 when operoting ot the some memory bus frequency. Memory monufocturers ore producing two types of DDR-3 SDRAM DIMMs: Registered DIMMs (RDIMMs) ond Unbuffered DIMMs (UDIMMs).

ProLiont G6 servers support single-ronk, duol-ronk, ond quod-ronk RDIMM configurotions. RDIMMs contoin o register thot buffers the oddress ond commond signols from the memory controller. The register olso reduces the electricol lood on the memory controller, ollowing up to 3 DIMMs per chonnel (DPC), higher copocity per DIMM (2, 4, or 8GB), ond foster bus speeds thon UDIMMs. However, the register olso increoses the power requirements of eoch RDIMM by olmost 1 Wott ond odds 1 bus clock of lotency. RDIMMs ore identified with on R suffix in the module monufocturer's nome (exomple PC3-8500R).

Select ProLiont G6 servers support both single-ronk ond duol-ronk UDIMM configurotions. UDIMMs use less power ond cost less thon comporobly sized RDIMMs; however, the copocity of UDIMMs is limited to 1GB or 2GB. ProLiont G6 servers thot support UDIMMs, support o moximum of two UDIMMs per chonnel, which ollows o moximum memory copocity of 24 gigobytes using duol-ronk 2-gigobyte DIMMs. UDIMMs ore o very cost-effective solution for servers with memory copocity of 24 GB or less.

ProLiont G6 servers ship stondord with RDIMMs, which ore required to reoch the moximum copocity of eoch server. Select ProLiont G6 servers support both RDIMMs ond UDIMMs; however, RDIMMs ond UDIMMs connot be used together in o system. Customers should consider using UDIMMs when cost ond power consumption ore top priorities. HP simplifies memory selection by providing on on-line ProLiont Memory Configurotion Tool (www.hp.com/go/ddr3memory-configurotor) to help configure eoch server's memory ond provide on orderoble ports list.

Table 1. Comparison between UDIMMs and RDIMMs in HP ProLiant G6 servers

Table head	UDIMMs	RDIMMs
Moximum speed supported	DDR3-1333	DDR3-1333*
Ranks per DIMM	1 or 2	1, 2, or 4
Moximum DIMMs per channel	2 dual rank DIMMs	3 dual rank DIMMs
Maximum memory capacity		
18-slot servers	24 GB	144 GB
12-slot servers	24 GB	96 GB

**Maximum speed for quad-rank RDIMMs is DDR3-1067*

Additionol resources

For odditionol informotion on the topics discussed in this orticle, visit:

Resource	URL
Memory technology evolution: an overview of system memory technologies, 8th Edition	http://h20000.www2.hp.com/bc/docs/support/SupportManual/c00256987/c00256987.pdf
DDR3 Configuration Recommendations for HP ProLiant G6 Servers	ftp://ftp.hp.com/pub/c-products/servers/options/Memory-Config-Recommendations-for-Intel-Xeon-5500-Series-Servers-Rev1.pdf

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SAFETY ALERT DECALS

The GSI Group, Inc. recommends contacting your local power company, and having a representative survey your installation so the wiring is compatible with their system, and adequate power is supplied to your unit.

Safety decals should be read and understood by all people in the grain handling area. The rotating blade, fire warning decals and voltage danger decal must be displayed on the fan/heater can. The danger decal, DC-552, should be present on the inside bin door cover of the two ring door, 24" porthole door cover and the roof manway cover.

If a decal is damaged or is missing contact:

The GSI Group, Inc.
1004 E. Illinois St.
Assumption, IL 62510
217-226-4421

A free replacement will be sent to you.

WARNING
Stay clear of rotating blade. Blade could start automatically. Can cause serious injury. Disconnect power before servicing.
DC-1225

WARNING
Flame and pressure beyond door. Do not operate with service door removed. Keep head and hands clear. Can cause serious injury.
DC-1227

DANGER
Rotating flighting can kill or dismember.
Flowing material can trap and suffocate.
Crusted material can collapse and suffocate.
Keep clear of all augers.
DO NOT ENTER this bin!
If you must enter this bin:
1. Shut off and lock out all power.
2. Use safety harness and safety line.
3. Station another person outside the bin.
4. Avoid the center of the bin.
5. Wear proper breathing equipment or respirator.
Failure to heed these warnings will result in serious injury or death.
DC-552

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Compaq Advantage - Compaq has taken a leadership role in creating and defining VI Architecture. Compaq, Intel, and Microsoft Corporation developed primary work on the VI Architecture specification. This initiative illustrates Compaq's drive to build upon industry standards and to provide the enterprise level computing platforms and performance that enterprise customers demand.

- **Fibre Channel** - is a key technology for the system interconnect, the serial drive interface and high-speed networking in delivering bigger, faster, more reliable network data storage solutions. It provides opportunity for the integration of primary and secondary storage as well as shared storage between multiple users.

  Key Benefits - Fibre Channel's performance is 10 times faster than fast SCSI, 5 times faster than Fast-Wide SCSI, and 2 1/2 times faster than Ultra-SCSI. Its performance is unmatched.

  Compaq Advantage - Compaq is the world's second largest storage vendor. Compaq's Fibre Channel Storage System will be the first of a new generation of storage products based on Fibre Channel technology. Through an early access program, Compaq currently has hundreds of Fibre Channel Storage products in evaluation at leading companies and partners around the globe. Compaq's Fibre Channel Storage System will also provide greater availability for business critical systems through support for cluster server solutions such as Microsoft Cluster Server (MSCS). IT departments that expect rapid growth in storage capacity will benefit from the superior manageability, backup, storage consolidation, and scalability of Fibre Channel solutions. The recent partnership between Compaq and Hewlett-Packard Components Group (HPCG) enables the two organizations to share interoperability information in order to establish Fibre Channel as a stable platform for highly reliable, high-speed storage applications–making it easier for customers to adopt the Fibre Channel interconnect as an industry standard.

  Compaq is one of the sponsors of the American National Standards Institute (ANSI) Committee responsible for developing the Fibre Channel standards. Fibre Channel technology will deliver higher reliability, greater capacity, and higher performance than those servers with traditional SCSI solutions.

- **I_2O Readiness** - The I_2O Initiative defines a standardized general architecture for intelligent I/O. Its basic objective is to provide an industry-wide I/O subsystem architecture that is independent of both the specific device being controlled and the host operating system.[7]

  Key Benefits - The potential benefits of I_2O products will be more consistent OS support, a shorter time to market for new products because of reduction in the number of drivers needed, greater OS stability, and potential improvements in overall system performance through lower host processor overhead. The I_2O Initiative also provides increased system scalability with the ability to run more devices per server.

  Compaq Advantage - Compaq was first to introduce server-optimized intelligent I/O and memory architectures and continues to produce leadership intelligent I/O adapters such as the SMART-2 array adapters. Compaq delivers its I_2O solution in a flexible, scalable architecture that will allow customers to scale the performance and functionality of the I/O in their servers. As one of the original members of the I_2O Steering Committee, Compaq's extensive experience and leadership in developing intelligent I/O solutions can be used to help advance a unifying standard for eliminating potential I/O issues of the future.

- **Compaq Recovery Server Option** - is a low-cost option, which can be configured in either of three ways, providing protection against specific server component failures or even

[7] Refer to White Paper *Intelligent I/O and the I_2O Initiative* Doc. No. ECG040.1097 for more information.

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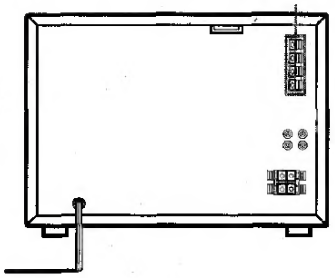
CONNECTING THE ANTENNAS
CONEXION DE ANTENAS
RACCORDEMENT DES ANTENNES

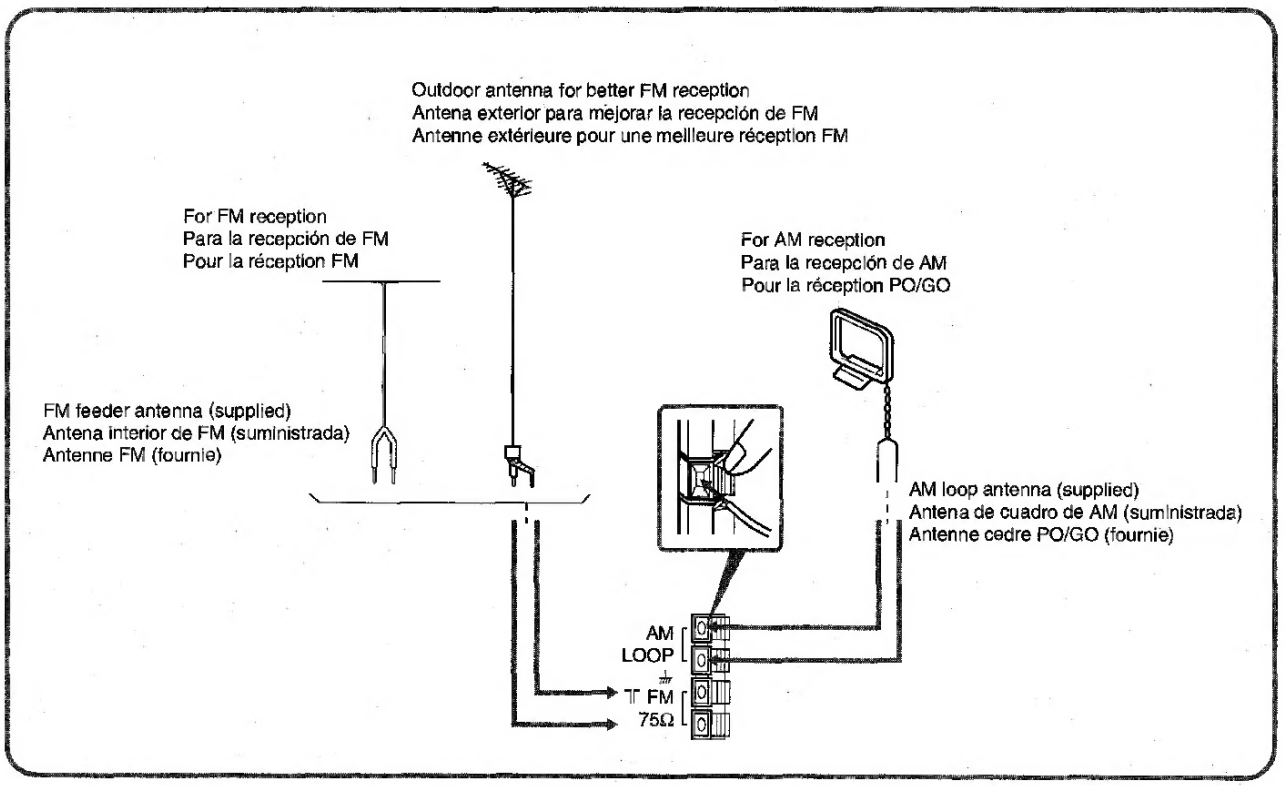
Antenna terminals
Terminales de antenas
Bornes d'antenne



Position the supplied antennas after finding the best direction for radio reception.

Coloque las antenas sumistradas después de haber encontrado la mejor orientación para la radiorrecepción.

Positionnez les antennes fournies après avoir trouvé le meilleure direction pour la réception radio.



Connecting the FM feeder antenna
Do not bring the ends near metal objects or curtain rods.

Placing an outdoor antenna
If an outdoor antenna is used for FM reception, do not place it:
- in building shadows
- near traffic
- on galvanized roofs
- near other antennas

Conexión de la antena interior de FM
No acerque los extremos a objetos metálicos ni rieles de cortinas.

Instalación de una antena exterior
Si utiliza una antena exterior para la recepción de FM, no le coloque:
- en sombras de edificios
- cerca del tráfico automovilístico
- sobre tejados galvanizados
- cerca de otras antenas

Raccordement de l'antenne FM
Ne fixez pas les extrémités de l'antenne près d'objets métalliques ou d'une tringle à rideau.

Emplacement d'une antenne extérieure
Si vous utilisez une antenne extérieure pour la réception FM, ne l'installez pas:
- à l'ombre d'un bâtiment
- près d'une route fréquentée
- sur un toit galvanisé
- près d'une autre entenne

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① ⏻ (Standby-On)
- Switches the TV to standby if it is on.
- Switches on the TV if it is in standby.

② MENU
Toggles the main menu on or off.

③ MHEG/TELETEXT
Toggles teletext on or off.

④ SOURCE
Selects connected devices.

⑤ Colour buttons
Selects tasks or options.

⑥ AD (Audio Descriptor) (For RF Digital TV only)
UK only: Enables audio commentary for the visually handicapped.

⑦ OPTIONS
Accesses options relating to the current activity or selection.

⑧ OK
Confirms an entry or selection and displays the channel grid, when watching TV.

⑨ ▲▼◀▶ (Navigation buttons)
Navigates through the menus.

⑩ INFO
Displays program information, when available. If the information spans multiple pages, press **OPTIONS** to go to the next page .

⑪ (Mute)
Mutes or restores audio output.

⑫ P +/- (Programme +/-)
Switches to the next or previous channel. When the TV menu is on, this functions as Page Up/Down.

⑬ 0-9 (Numeric buttons)
Selects a channel or setting.

⑭ PICTURE (Smart picture)
Launches the picture menu.

⑮ ♪ SOUND(Smart Sound)
Launches the sound menu.

⑯ +/- (Volume +/-)
Increases or decreases volume.

⑰ BACK P/P (Previous channel)
- Returns to a previous screen.
- Returns to the previously viewed channel.

⑱ GUIDE
Switches between channel grid and programme list.

⑲ SUBTITLE (For RF Digital TV only)
Enables or disables subtitles.

⑳ DEMO
Toggles the demonstration menu on or off.

㉑ FORMAT
Selects a picture format.

㉒ INCR. SURR
Enables Incredible Surround for stereo sources. Enables spatial mode for mono sources.

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IMPORTANT TIP: If updated drivers and components become available after your NetWare 5 purchase but before installation, you can still use the updated versions rather than the ones that came with NetWare 5. Just place the new release in *C:\NWUPDATE*; then run *INSTALL.BAT*, as usual. *INSTALL.BAT* checks this directory for any newer versions of drivers and system components and then automatically replaces the older versions.

On the SmartStart CD-ROM is another jewel that is often overlooked: CPQFM.NLM.

Compaq File Management Utility for NetWare (CPQFM.NLM)

CPQFM.NLM incorporates many common commands in a familiar, graphical, menu-driven interface. Not only a timesaver, it's free. That's right. Unlike many commercial products that offer less functionality, *CPQFM.NLM* is available free-of-charge on the SmartStart CD-ROM. It's also available on the *Compaq ActiveAnswers Resource Paq for Novell:* the snazzy Compaq and Novell Partnership CD-ROM packed with lots of multi-media information; such as videos, slide presentations, white papers, SoftPaqs, and utilities. By the way, you can order the resource kit from our Partnership website:

If you haven't already done so, you really need to check out the Compaq ActiveAnswers Resource Paq for Novell CD-ROM.

What an offer! Compaq is providing you with access to the same homegrown tools that we use in our labs, just in case you need to do some of the fun stuff we do. And the other information products really reduce the learning curve for Compaq and Novell products. Oops! We're side-tracking! Let's get back to the management utility.

By using *CPQFM.NLM*, you can save precious time when you (1) search for files, (2) change file attributes, (3) edit files, (4) get file version and date information, and (5) delete files and directories. Want to know more?

- To launch any NLM or to connect to remote servers for file manipulations, *CPQFM.NLM*'s commands are extended and also apply to the remote file system.
- To view a menu of appropriate file or directory commands and functions, highlight the file or directory and press **Tab** (the majority of *CPQFM.NLM* functions are under the **Tab** menu).
- To view all version and date information for a specific CDM (Custom Device Module), DSK, HAM (Host Adapter Module), LAN, NLM, or PSM (Platform Support Module) file, just highlight the file and press **Enter.**
- To delete the highlighted file or directory tree, just press **Del**.

For more information about Compaq Server Management, checkout the Integration Note: Focus on Compaq Server Health in a NetWare Environment.

Compaq Management CD-ROM Release 4.30

Here's a great freebie!

Use the Compaq Management CD-ROM utilities and agents to easily monitor and manage your Compaq servers, workstations, desktops, and portables.

Contents include the following:

- Compaq Insight Manager v4.30 — Industry-leading application for efficiently managing networks, desktops, and servers.

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TO CANCEL THE COUNTDOWN

If you change your mind and want to cancel the 'Countdown', press the Selector Control button until the 'Countdown' indicator (⇥I) flashes and then the decrease control (-) until 0 00 shows in the display as Fig 5 The 'Countdown' indicator (⇥I) will continue to flash for a few seconds and then return to the time of day

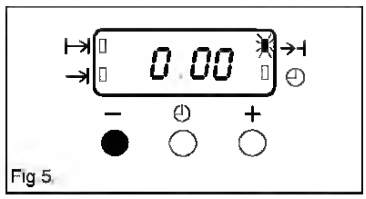

Fig 5

SETTING THE OVEN TIMER CONTROL

The main oven can be automatically timed

When using the timer control for the very first time, it is advisable to let it operate while you are at home The displays can be checked to show that it is operating correctly and you will feel confident to leave a meal to cook automatically in the future

A) TO SET THE TIMER TO SWITCH ON AND OFF AUTOMATICALLY

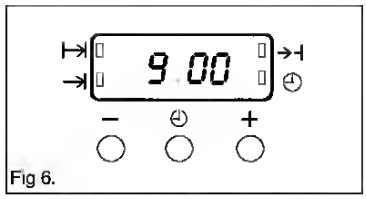

Fig 6.

i) Ensure the electricity supply is switched ON and that the correct time of day is displayed, e g 9 a m as Fig 6

ii) Place food in oven

iii) To set the length of cooking time, press the Selector control button (◴) until the 'Cook Time' indicator is illuminated (I⇥) Press the increase control (+) until the required length of cooking time is displayed, e g 2 hrs 15 mins as Fig 7 If necessary depress the decrease control (-) until the correct time interval is achieved

The maximum cooking time is 10 hours

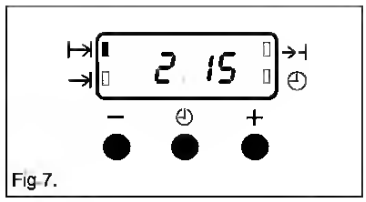

Fig 7.

iv) Release the buttons The 'Cook Time' indicator (I⇥) will be illuminated

Remember, this must be completed within 5 seconds of first pressing the Selector Control button.

v) To set the 'End Time' Press the Selector Control button until the 'End Time' (⇥I) flashes Press the increase control (+) until the required stop time is displayed, e g 12 15 p m as Fig 8 If necessary depress the decrease control (-) until the correct time interval is achieved

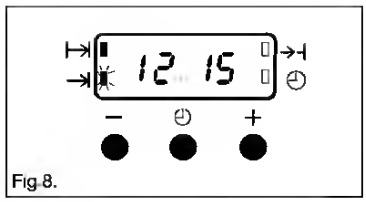

Fig 8.

vi) Release the buttons The time of day will be displayed after 5 seconds The 'Cook Time' (I⇥) and 'End Time' (⇥I) indicators will be illuminated

The 'End Time' must not be more than 23 hours 59 minutes from the time of day For example, if the time of day is 09 00 a m , the latest 'End Time' would be 08 59 a m the next day

vii) Set the main oven control to the required temperature The oven indicator neon should be OFF

When the automatic timed period starts, the oven indicator neon will turn ON and OFF periodically during cooking, showing that the temperature is being maintained

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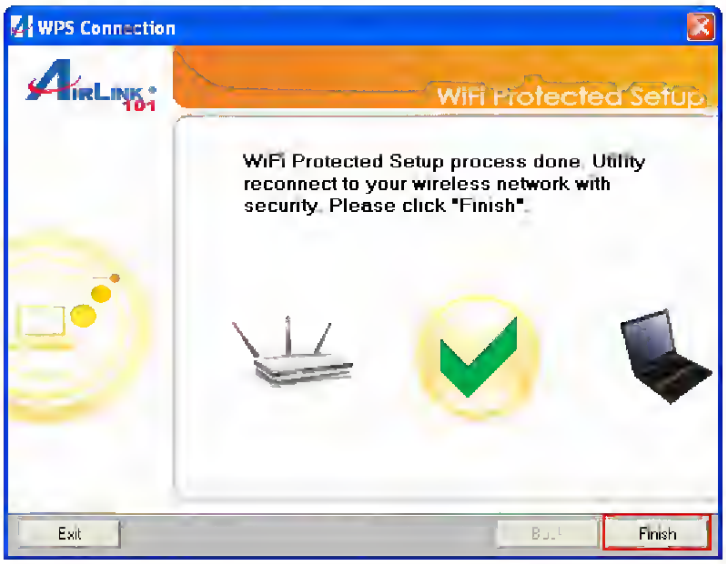
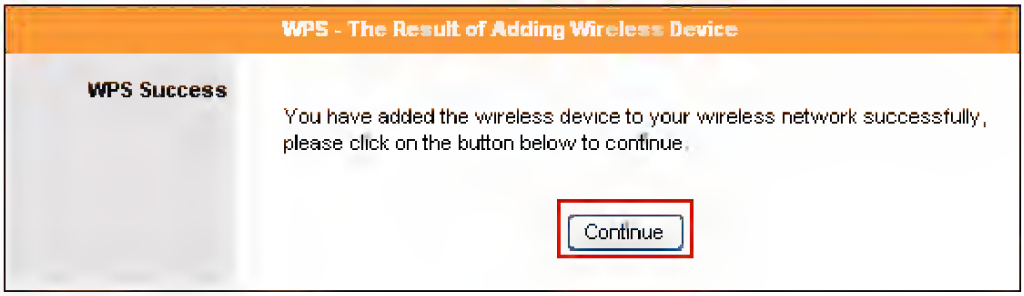
After a few moments both the router configuration screen and the adapter configuration screen should show a message telling you that you are connected.

Step 5 Click **Finish** on the adapter screen.


WPS Connection
AirLink 101
WiFi Protected Setup
WiFi Protected Setup process done. Utility reconnect to your wireless network with security. Please click "Finish".
Exit
Finish

Step 6 Click **Continue** on the router configuration screen.


WPS - The Result of Adding Wireless Device
WPS Success
You have added the wireless device to your wireless network successfully, please click on the button below to continue.
Continue

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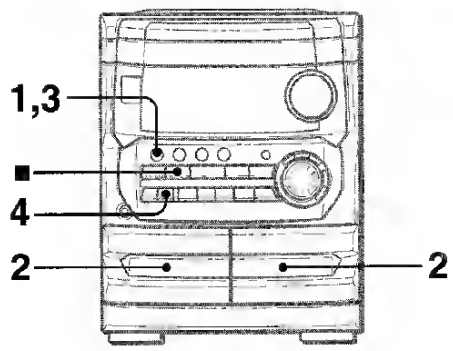
DUBBING A TAPE MANUALLY



NOTE

- Set the tape to the point where recording will start.
- Note that recording is done on only one side of the tape.

1 **Press TAPE.**

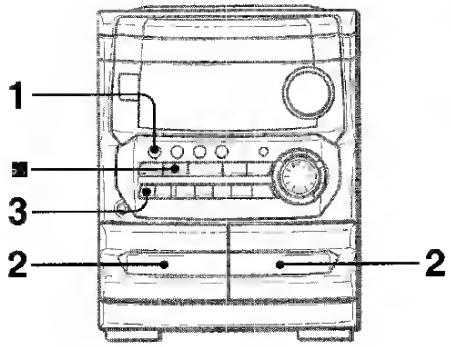
2 **Insert the original tape into deck 1 and the tape to be recorded on into deck 2.**
Insert the tapes with the sides to be played back or recorded on facing out from the unit.

3 **Press TAPE DECK 1/2 to select deck 1.**
"TP 1" is displayed.

4 **Press ● REC/REC MUTE to start recording.**
Playing and recording start simultaneously.

To stop dubbing
Press ■.

DUBBING THE WHOLE TAPE



This function allows you to make exact copies of the original tape.

NOTE

- Dubbing does not start from a point halfway in the tape.
- Note that recording is done on only one side of the tape.

1 **Press TAPE.**

2 **Insert the original tape into deck 1 and the tape to be recorded on into deck 2.**
Insert each tape with the side to be played back or recorded on facing out from the unit.

3 **Press SYNC DUB to start recording.**

The tapes are rewound to the beginning of the front sides, and recording starts.

To stop dubbing
Press ■.

En

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STARTING THE GENERATOR - LPG

CAUTION:

When using gasoline, LPG must be shut off! When using LPG, gasoline must be shut off!

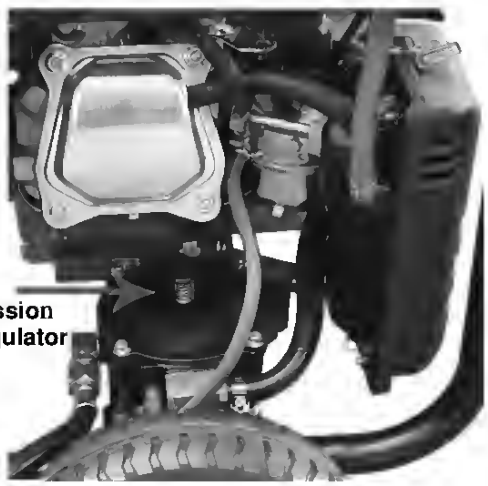
Disconnect all electrical loads from the generator before attempting to start!

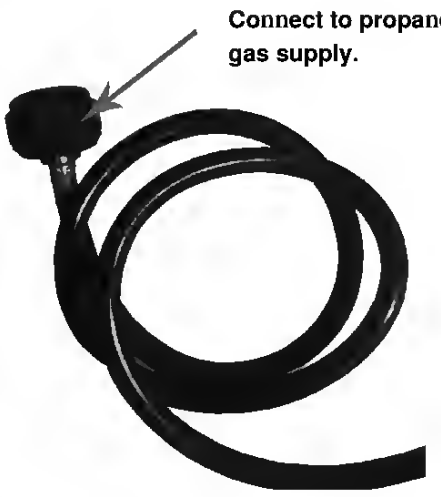
To start your generator with LPG, perform the following steps:

1 Make sure that the AC circuit breaker is in the OFF position. The generator may be hard to start if a load is connected.
2 Turn the gasoline fuel valve to the "OFF" position.
3 Connect the propane gas hose to the regulator/decompression valve.
4 Connect the propane gas collar to the gas supply and then turn on the propane gas supply.
5 Press the button on top of the pressure release valve down two or three times.
6 The choke operates differently on propane gas.
    a. If the engine is warm (the unit was run recently) start with the choke half open.
        i. Wait 30 seconds and then push the choke lever all the way to the "OPEN" position.
    b. If the engine is cold (the unit was not run recently) start with the choke "OPEN".
7 Turn the engine key switch to the START position and hold it there for 5 seconds, or until the engine starts.

Operating the starter motor for more than 5 seconds can damage the motor. If the engine fails to start, release the switch and wait 10 seconds before operating the starter again.
If the speed of the starter motor drops after a period of time, it is an indication that the battery should be recharged.
When the engine starts, allow the engine switch to return to the ON position.

Stopping the Engine
In an emergency:
To stop the engine in an emergency, move the engine switch to the OFF position.
In normal use:
1 Turn the AC circuit breaker to the OFF position. Disconnect DC battery charging cables.
2 Turn the engine switch to the OFF position.
3 Turn the off the propane gas supply.





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The LEDs that indicate error conditions in the spread spectrum data pump and RFC are listed below. All of these LEDs are visible through the front panel. Any one of these LEDs indicates an error condition that precludes system operation.

Link Down ..... Red if the RF link is not operational.
E1 interfaces will transmit UA1 on the affected E1 to indicate an error.
RF Low ..... Red if the received RF carrier level is below -80 dBm.

The controls available from the control panel are listed below.

Name	Function
Reset	Reset the system
LBK	Toggles E1 between normal and local line loopback modes
CAS	Selects Channel Associated Signaling
CCS	Selects Common Channel Signaling
HDB3	Selects HDB3 Line Coding
AMI	Selects AMI Line Coding
Remote Test	Initiate a remote test across the RF link
TX Power	Adjusts transmit power level up and down

The monitor points provided on the front panel of the system are described below.

RSSI ..... DC voltage indicating strength of the received signal at the antenna
GND ..... System ground

NOTE

The voltage level present at the RSSI test point represents a relative signal level of receive strength from the far end. No direct correlation can be made between RSSI voltage level and actual receive level in dBm. This test point is provided to assess relative signal level for alignment of antennae.

Non-volatile Memory

The TRACER system contains non-volatile memory to retain certain configuration settings. These settings include:

- Frequency plan
- Password
- Site name
- E1 framing (if set from VT100)
- Chipping code (if set from VT100)
- Password enabling
- E1 line coding (if set from VT100)

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6. Release ENTER when the correct number appears.
7. Press ENTER again and hold it down to change the ones position in minutes (the fourth digit from the left).
   The digits cycle from 0 to 9 as you hold down ENTER.
8. Release ENTER when the correct number appears.
9. Press TIME twice.
   The number you just entered should appear in the display as the current time.

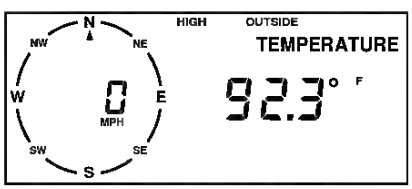
HIGHS AND LOWS

The Weather Wizard III records highs and lows for many of its functions. Highs and lows are maintained until you manually clear the entries, or until power is interrupted. Depending on how often you clear highs and lows you can track daily, weekly, monthly, yearly, or all-time highs and lows.

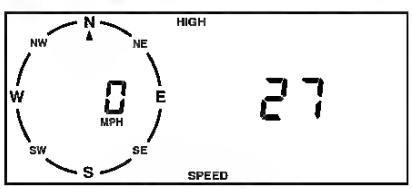
	RECORDED HIGH	RECORDED LOW
Inside Temperature	√	√
Outside Temperature	√	√
Wind Speed	√	X
Wind Direction	X	X
Wind Chill	X	√

In general, highs and lows are displayed by pressing RECL (RECALL) once or twice. The high or low appears in the display along with the word HIGH or LOW and the words which normally accompany the function (e.g., OUTSIDE and TEMPERATURE for outside temperature). Specific instructions for displaying highs and lows may be found within the instructions for each function.

Highs and lows are stored in memory along with the time and the date at which they occurred. To see what time a high or low was recorded, wait a few seconds after pressing RECL. The time the high or low occurred will appear. Wait a few more seconds and the date will appear.



High Outside Temperature: 92.3° F



High Wind Speed: 27 mph

TYPICAL HIGH AND LOW DISPLAYS

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If one system fails, the surviving server detects the failure and causes the switch of the drives from the failed server to itself. This feature is included in the Compaq SSD for Windows NT as option *Compaq Standby Recovery Server* during set up. The Standby Recovery Agent driver, *CPQRSYS.EXE*, supports Compaq Insight Management Agents for Windows NT 3.5x.

NOTE: The Compaq Standby Recovery Server Option is dependent upon Compaq System Management support to function properly. To correctly install the Standby Recovery Server Option you must load both drivers during installation.

Uninterruptible Power Supply Support

The Compaq Uninterruptible Power Supply (UPS) provides battery-backup power to your system when the local power fails. The Compaq UPS support software notifies you that the system is going to shut down due to a power failure. However, the Compaq UPS does require the Compaq UPS support software for full feature support.

When installed, the Compaq UPS support driver, *CPQUPS.DLL*, runs as a Windows NT Service. The support driver adds the following functionality:

- Provides an extra level of fault tolerance support for environments running critical applications.

  NOTE: The Compaq UPS support driver supplements the Microsoft UPS support, it is not a replacement.

- Ability to start and stop the UPS through the Windows NT Services Control Panel application of Windows NT.
- Compaq Insight Manager and Insight Management Agents supports the Compaq UPS.
- Ability to tune related parameters using the Registry Editor.

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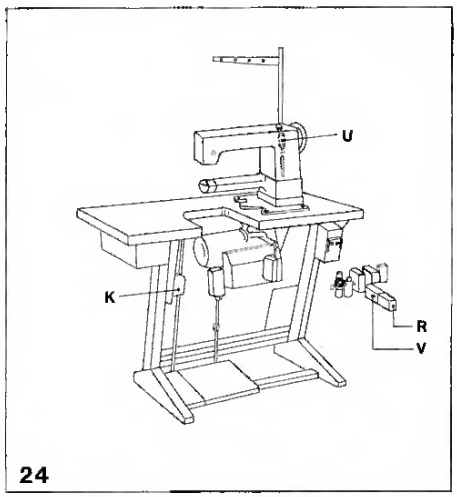

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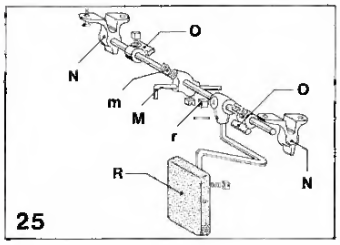

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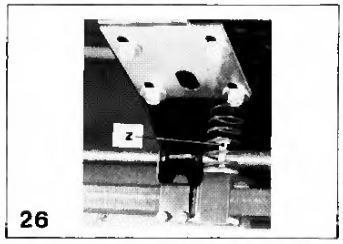

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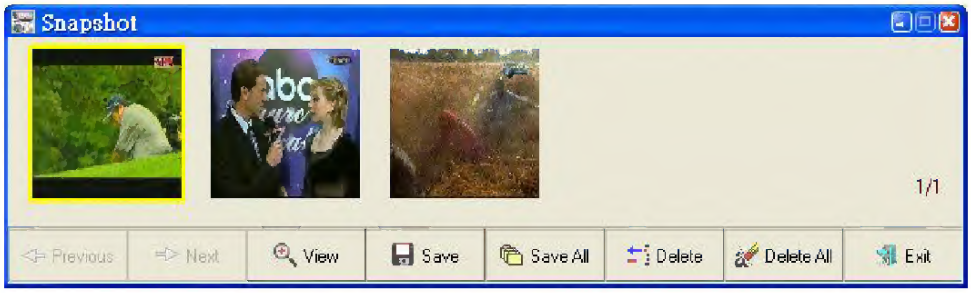
5.5 Channel Preview

You can preview all the channels by clicking on the Channel Preview button .

While previewing, you can select each channel sub-window with the 4 arrow keys (left, right, up, down), or directly clicking on it with the mouse. When you want to finish previewing, you can double-click on the sub-window you want to watch.

5.6 Snapshot

You can take a snapshot (still image capture) of the current image in the display window by clicking on the Snapshot button . When the image is taken, the snapshot window will appear. You can view, save, and delete the images. The save image option supports Bitmap and JPEG formats. You can select which format to save the image as when you click **Save** or **Save All**.



Note: The snapshot button on the Airlink101 TV box only works with programs that support the TWAIN function. For more information on how to use the TV box's snapshot button, please refer to the FAQ in Chapter 9 of this manual.

5.7 Sleeping Timer

Activate the sleeping timer by clicking on the Sleeping Timer button .

Use the slide bar to adjust the time before auto shutdown, click **OK** to start, **Cancel** to exit.

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Powering TEs from the NT1 ACE

The ADTRAN NT1 ACE can be used to provide power for TEs connected to the local interface. The NT1 ACE, part number 1203019L1, supplies power by a separate wire pair (PS2) on the two data jacks marked LOCAL, as shown in Figure 2 on page 1. The ADTRAN NT1 ACE International, part number 1203019L3, also incorporates power source 1 (PS1) which provides power over the transmit and receive pairs. Table 3 lists Local Bus connector pin assignments. Before attempting to power any TE from the NT1 ACE, verify that it can accept power from a PS1 or PS2 power source.

Table 3. Local Bus Connector Pin Assignments

Pin	Description
1	No connection
2	No connection
3	S/T interface Receive Power Source 1 (Positive)
4	S/T interface Transmit Power Source 1 (Negative)
5	S/T interface Transmit Power Source 1 (Negative)
6	S/T interface Receive Power Source 1 (Positive)
7	Power Source 1 (Negative)
8	Power Source 2 (Positive)

Powering with the NT1 Power Supply

The ADTRAN NT1 Power Supply, part number 336048VUR-2, provides up to 10 watts of power at -48 VDC. The NT1 ACE requires 1.1 watts, leaving approximately 8.9 watts to power the TE(s). Before connecting any TE to be

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